

PRODUCT INFORMATION PACKET



Model No: 170246.00

Catalog No: 170246.00

****OBSOLETE, REPLACED BY 365TSTFCD6002**** 75 HP 3600 575 TEFC 365TS PREM EFF
General Purpose Motors



Regal and Leeson are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2021 Regal Rexnord Corporation, All Rights Reserved. MC017097E





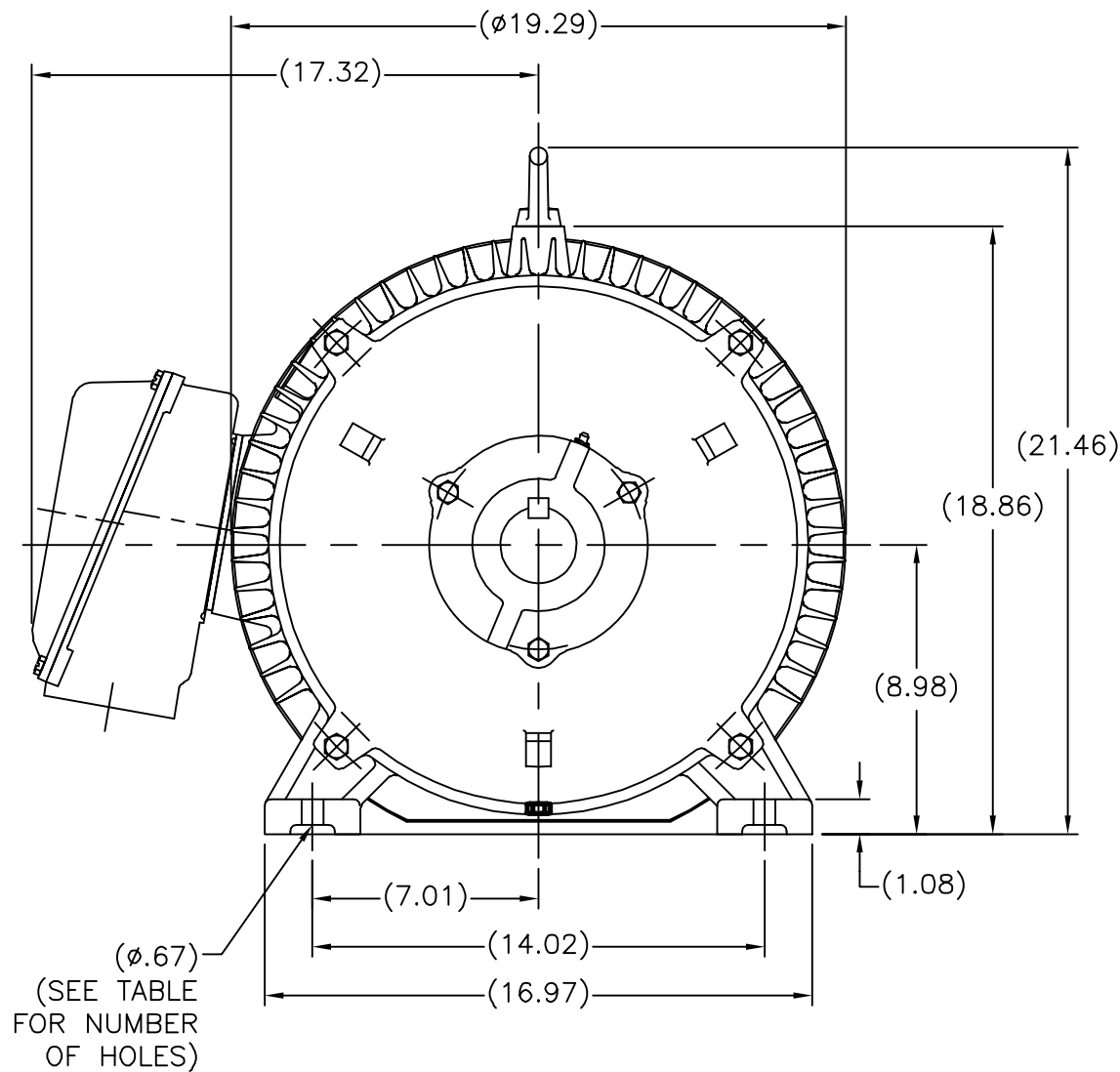
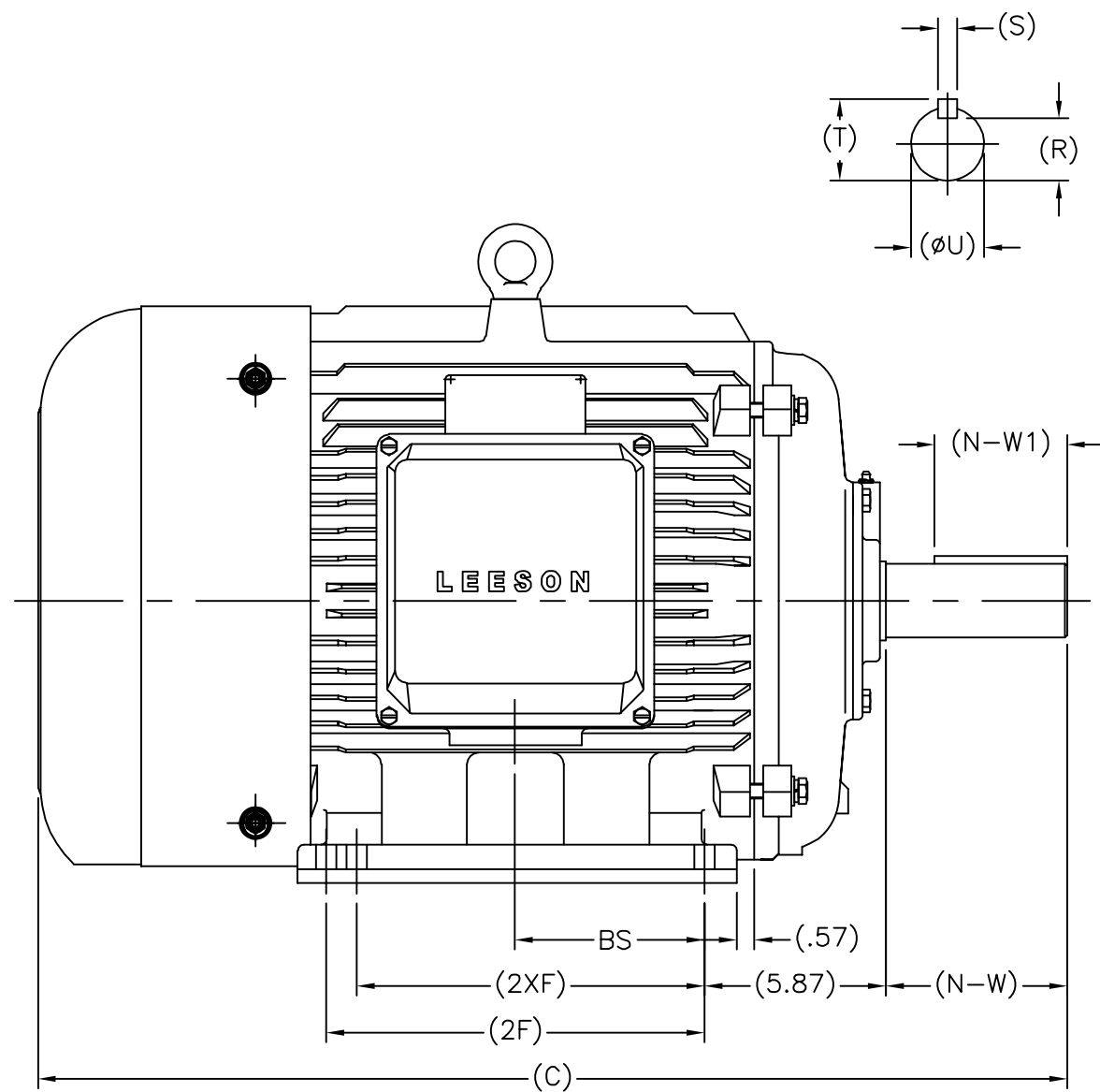
Nameplate Specifications


Output HP	75 Hp	Output KW	56.0 kW
Frequency	60 Hz	Voltage	575 V
Current	67.0 A	Speed	3570 rpm
Service Factor	1.15	Phase	3
Efficiency	94.5 %	Power Factor	88.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Frame	364TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Hazardous Location	DIVISION 2	Number of Speeds	1

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	2	Rotation	Reversible
Resistance Main	.055 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Overall Length	30.20 in
Shaft Diameter	1.875 in	Shaft Extension	3.74 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	SS622180LE	Connection Drawing	005190.01

SS622180LE



												TOLERANCES UNLESS SPECIFIED		 REGAL - BELOIT CORPORATION				DRAWN MSG 02/13/2007					
												DEC.	INCHES					CHK	ML 02/16/2007				
												.X	±.1					APPD	SB 02/23/2007				
NT364TS-2	30.20	11.26	---	4	3.74	2.05	1.87	1.59	0.50	2.09	---		.XX	±.03	TITLE OUTLINE 360 FR. - TEFC - (REDESIGNED)		SCALE	N/A					
NT365TS-2	31.18	12.24	11.26	6									.XXX	±.005			REF						
NT364T-4, 6	32.32	11.26	---	4	5.87	4.29	2.37	2.01	0.63	2.64	5.60	1	ADDED BS DIM. UPDATED TITLE BLOCK, ECO-0048910	RFH 04/07/2014	EH	.XXXX	±.0005	MAT'L	FMF	HEBEI			
NT365T-4, 6	33.31	12.24	11.26	6								6.10	NO.	REVISION		BY & DATE	CHK	ANG	±7°30"	FINISH		PREV	
												THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP		CAD FILE SS622180LE		SIZE	DRAWING NO.	PAGE 1 OF 1	REV.
																DIST				A	SS622180LE		1
FRAME	C	2F	2XF	HOLES	N-W	N-W1	øU	R	S	T	BS												

LINE LEADS

	L1	L2	L3	JOIN
START (WYE)	T1 U1	T2 V1	T3 U2	(T4,T5,T6) (U2,V2,W2)
RUN (DELTA)	(T1,T6) (U1,W2)	(T2,T4) (V1,U2)	(T3,T5) (W1,V2)	

				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION				
04	ADDED MAT'L (CWLE) PER ECO-0168542	DS	6/10/2019	DECIMALS						
03	ADDED IEC DESIGNATIONS	MOL	4/27/2012	.00	± .01	DRAWN PG 05/07/82	TITLE EXT. WIRING DIAGRAM			
02	REMOVED OBSOLETE STATUS	KJH	6/28/99	.000	± .005	CH'K'D. TEM	STAR START – DELTA RUN			
01	REDRAWN ON CAD	DBT	05/30/97	.0000	± .0005	APPR. 05/07/82	MAT'L. Y-CONNECTED START (CWLE)			
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1	DELTA CONNECTED RUN – SINGLE VOLTAGE			
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED				ANGLES	± 1/2°	REF. T2E	FINISH	SIZE A	DRAWING NO. 005190-01	
				INCH/MM		FMF ELECTRO POWER				